



Range Operations and Control Area



ROCA General

Purpose

This section includes all of the Range Operations and Control Area (ROCA) sections and drawings. The files are combined in a pdf Portfolio, but may be separated into particular facilities sections. Use the files in the portfolio for the ROCA facilities that are included in each particular range.

General

The ROCA is the center for overall control and operation of the range, training exercises, administrative services, and support facilities. The ROCA includes the area for target control, range safety, and training evaluation, generally the control tower. There is an area for range maintenance, usually centered at the Operations and Storage Building. There is an area for pre- and post-training instruction, centered at the Classroom or AAR and the bleacher. Ranges also have areas for non-training support including messing and latrine facilities; and sometimes bivouac areas. Lastly, are those ROCA facilities that directly support the live fire function of the range including the ammunition breakdown building and loading dock, the unit staging area, and the vehicle instrumentation dock.

ROCA Facilities

The ROCA portfolio includes the following files:

- ROCA General
- Standard Range Support Building Matrix
- Ammunition Breakdown Building
- Ammunition Loading Dock
- Bleacher Enclosure
- Classroom and AAR Facilities
- Control Tower
- Covered Mess
- Latrines
- Operations and Storage Buildings
- Standard Range Facility Furniture

- Vehicle Instrumentation Dock
- Battery Storage-Charging Building
- Bivouac Area
- Unit Staging Area

Each particular range has a specific set of buildings that are included as part of the standard. The Standard Range Support Building Matrix lists the standard buildings, as does each specific range section of the RDG.

ROCA Layouts

Layout the facilities in the ROCA based on the range type, the site selected, personnel flow, and required adjacencies for that specific range. In general consider the following, separate vehicle and pedestrian traffic, separate tactical and non-tactical vehicles, separate training and maintenance functional areas. Refer to the individual buildings for additional separation and adjacency requirements.

Parking Areas

Provide parking area(s) sized for the particular site and training load.

Anti-Terrorism/Force Protection (AT/FP)

The RTLP-MCX analyzed the AT/FP requirements set forth in UFC 4-010-01 and determined that, typically, the standard complement of ROCA buildings are not considered to be regularly inhabited, are within a controlled perimeter, have guard force access control in place and are generally not routinely occupied; therefore, no AT/FP measures are required in a project design. However, ultimately the Garrison Commander is responsible for the facilities and may mandate application of AT/FP provisions, particularly if considering the facilities as routinely occupied.

